



National Weather Service

Storm Data and Unusual Weather Phenomena



September 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KANSAS, Extreme Southeast

Bourbon County

Countywide	13 15	1600CST 1600CST			0	0	1M	978K	Flood
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Cherokee County

Countywide	13 14	2245CST 2245CST			0	0			Flood
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Crawford County

Countywide	13 14	2245CST 1700CST			0	0			Flood
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Heavy rain of 5 to 12 inches fell over portions of extreme southeast Kansas. Unofficial reports of rainfall as high as 14 inches was reported in Bourbon County Kansas. The hardest hit areas were along the Marmaton River in Bourbon County including Ft. Scott. The highest estimated stage of the Marmaton River at Ft. Scott reached 50.05 feet on 9/14/98 which is the second highest stage ever recorded (records date back to the late 1800s).

Some specific damage reports:

Bourbon County: Widespread river flooding occurred in northern sections of Ft. Scott affecting numerous homes and businesses. Flood water receded fairly quickly and water damage was confined to lower floors and basements. Many businesses had to close for two or three days due to the flooding and associated clean up. Several highways and bridges were damaged due to the flood waters

Agricultural damage in Bourbon County was mainly confined to the Marmaton River flood plain. Crop losses included 2300 acres of corn (40% yield loss), 7500 acres of soybeans (50% yield loss), and 500 acres of grain sorghum (75% yield loss). In addition, 200 head of cattle were lost. Farms along the Marmaton River also suffered damage to grazing land (topsoil damage) and damage to fencing.

Crawford and Cherokee Counties: Flooding and flash flooding was mainly confined to low lying roads and bridges.

MISSOURI, Southwest

Jasper County

Countywide	14	0600CST 1300CST			0	0			Flood
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Newton County

Countywide	14	0600CST 1300CST			0	0			Flood
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St. Clair County

Countywide	14	0600CST 1300CST			0	0			Flood
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Vernon County

Countywide	14	0600CST 1300CST			0	0			Flood
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Rainfall amounts of 4 to 6 inches produced generally minor flooding of low lying roads and bridges

Cedar County

9 NE Stockton	29	0245CST			0	0	1K		Thunderstorm Wind
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MISSOURI, Southwest

Thunderstorm winds blew down some small trees.									
Vernon County									
Montevallo	29	0254CST			0	0	1K		Thunderstorm Wind
Thunderstorm winds knocked down small trees in the Montevallo and Sheldon areas.									
Polk County									
Flemington	29	0320CST			0	0	1K		Thunderstorm Wind
Thunderstorm winds blew down trees in Flemington.									
Pulaski County									
Crocker	29	0400CST			0	0	1K		Thunderstorm Wind
Thunderstorm winds knocked down trees in Crocker.									
Greene County									
Springfield	29	0412CST			0	0	2K		Thunderstorm Wind
Thunderstorm winds knocked a few large tree limbs down in the southern portion of Springfield									
Webster County									
1 N Seymour	29	0500CST			0	0	0		Thunderstorm Wind
Thunderstorm winds knocked a few tree limbs just north of Seymour.									
Texas County									
2 W Bucyrus	29	0505CST			0	0	0		Thunderstorm Wind
Thunderstorm winds knocked down a large tree near the intersection of Highways 17 and 38 west of Bucyrus.									
Barton County									
Liberal	30	0048CST			0	0	1K		Thunderstorm Wind (G60)
Thunderstorm winds estimated at 60 mph downed trees near Liberal.									
Barton County									
Lamar	30	0102CST			0	0	3K		Tstm Wind/Hail
A thunderstorm produced dime size hail and wind gusts estimated at 60 mph. Small trees and power lines were knocked down.									
Barton County									
Golden City	30	0125CST			0	0	15K		Thunderstorm Wind (G70)
Thunderstorm wind gusts estimated up to around 70 mph knocked down trees, power lines, and damaged some roofs									
Lawrence County									
Mt Vernon	30	0210CST			0	0	3K		Thunderstorm Wind (G70)
Thunderstorm winds gusts estimated at around 70 mph blew down large trees and tree limbs in and around Mt. Vernon.									